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MINUTES FROM ENVIRONMENTAL CLEANUP PROJECT TEAM MEETING DATED 7 JUNE
1999 CNC CHARLESTON SC
6/7/1999

**Naval Base Charleston
Environmental Cleanup Project Team
Meeting Minutes**

Date: 7 to 9 Jun 99

Place: NH-C/Project Team Room

Time: 0800 - 1700

Attendees: Tony Hunt, David Dodds (SDIV); Melissa King, Ann Reagan, Paul Bergstrand, Mihir Mehta, Eric Cathcart (DHEC); Dann Spariosu (USEPA); Tom Fressilli (CSO); Todd Haverkost, Larry Bowers (EnSafe); Joe Land (CLD)

Invited Guests: Tammy Gunner, Mike Wheeler, Kevin Tunstall, Jed Heames (DET); Keith Johns (EnSafe)

Leader: Tony Hunt

Scribe: Larry Bowers

DISCUSSIONS/DECISIONS

9906-M415	Tony	Check-in (1st) <ul style="list-style-type: none">• Review of ground rules.• Check in of PT members.
9906-M416	David	Facility Tour <ul style="list-style-type: none">• A base tour was provided for new DHEC PT members (Eric Cathcart, Charles Watson, and Mihir Mehta). Several current PT members were also present during the base tour.• The group spent several hours visiting the key sites (such as SWMU 39, AOC 607, SWMU 166, SWMU 8, SWMU 17, etc.) at the base.
9906-M417	Tony	Check-in (2nd) <ul style="list-style-type: none">• Review of ground rules.• Check in of PT members.• Revise agenda.
9906-M418	Tony	Feb PT Meeting AI Follow Up <ul style="list-style-type: none">• A217, proceeding and in progress, approx. 25 Jun 99 for FOSL• A218, still working w/Gabe M. assist• A219, ditto• A220 to A223, done• A224, FYI, CSO will not issue letter pertaining to IW ... yet a req't still exists for new tenants requiring that they must come to the CSO (as part of lease agreement) to request permission for any type of invasive activities (digging, IW, etc.)• A225 to A231, done

DISCUSSIONS/DECISIONS (Continued)

9906-M418 (Continued)	Tony	<ul style="list-style-type: none"> • Apr PT Meeting AI Follow Up • A229, most resumes but not all have been received • A230, working • A231, working • A232, have checked but will need to check with DET also • A233, to be discussed this month • A234, working • A235, Jay C. is to follow up on this and will provide info to Tony • A236, done
9906-M419	Jed	<ul style="list-style-type: none"> • DET ISM Update • Handout provided • AOC 643 (PCBs and arsenic) WP waiting on DHEC approval • SWMU 9 being surveyed now • AOC 633 (PCBs) will issue WP by 11 Jun • AOC 681 sampling done, report to EnSafe and SDIV by 11 Jun • AOC 670/? waiting for NTP • SWMU 177/RTC identified some subsurface anomalies but they were utilities, no UST found at site • SWMU 39 funding rec'd and locations approved, will install about 18 diff samplers by next week, 2 weeks in, data by late Jul • SWMU 8 new area being excavated now, product being recovered
9906-M420	Jed	<ul style="list-style-type: none"> • SWMU 2 ISM WP C/RTC • DET ISM not addressing eco issue (per DHEC concern), but DET says source is being addressed and reiterated that RFI stated eco issues were minimal • DET will include a statement that says "ISM may not be final remedy" • DET will place plastic on ground during loading of trucks (per DHEC request) and will construct silt fences for run off control (south side of site only) • DHEC concerned that DET WP does not define h & v extent of lead, Jed then provided fig to PT and explained rationale for dig n haul strategy (will reword WP as necessary) • DHEC concerned about GW control during excavation, Jed said DET will stop excavation upon GW intrusion and will attempt to obtain confirmation samples before intrusion or rain events, all sampling to be done ICW CSAP
9906-M421	Jed	<p>SWMU 25 ISM WP C/RTC</p> <ul style="list-style-type: none"> • If GW comes into vault, it will be sampled and disposed of accordingly • yes, vault will be removed • DHEC requested that extent of conduit excavation be described, Jed then described • DHEC said a composite sample below vault will suffice • Jed stated that the vault and approx 1 foot of surrounding soil will be removed (extra source removal) • a few other issues discussed and resolved
9906-M422	Kevin	<p>CTF Update</p> <ul style="list-style-type: none"> • Tank M approx. 80% complete • 2 more tanks next • Pigging and foaming occurring now • All tanks are empty • DET task scheduled for completion late Aug 99 • Sludge in Tank O has been removed

DISCUSSIONS/DECISIONS (Continued)

9906-M423	Tony	RAB Prep <ul style="list-style-type: none"> • News release on “cancer clusters” in the CHS neck area will be discussed (Ann Reagan provided handout and briefing on findings of study ... excess of pleural [lung] cancer via occupational exposure [asbestos likely], study includes former SY workers) • More review of cancer study occurring • Tony emphasized that these cancers are “occupational” and not “environmental” • And the blue crab and shrimp consumption ban is still in affect for SY Creek (DHEC advisory)
9906-M424	Tony	RAB Q&A, Aug and Apr 94 <ul style="list-style-type: none"> • The PT provided input to this Q&A sheet which resulted from questions by Art Pickney in 1994. Its important to note that answers were provided in 1994, yet Art has requested the Navy to update their answers (that is, any major changes occur in the last five years that may affect your answers to our concerns). • A total of 32 questions were provided by Art. • Key issues revolved around cleanup levels, background determination, USTs, fact sheets, and a few others.
9906-M425	Eric	<ul style="list-style-type: none"> • Zone F RFI C/RTC • Please refer to handout provided. • Obtain results of water qualitative results from the North Charleston water system ... not necessary to analyze water from them (just use their existing sampling and analysis results).
9906-M426	Mihir	<ul style="list-style-type: none"> • ISM Concern • Mihir expressed concern about the current sampling strategy for ISMs. • As resolution, please refer to Action Item 9906-A242.
9906-M427	Mihir	<ul style="list-style-type: none"> • Zone F AOC 607 • Mihir questioned why a TS was being conducted at AOC 607, he felt that a remedial system with demonstrated effectiveness (such as SVE) should be directly installed minus any TS work ... why not just call the TS the final remedy and be done with it • Larry responded by briefly re-stating the purpose of the TS as well as its objective, and how the TS fits into the overall CMS process • Larry also requested that Mihir review the AOC 607 TS WP for further explanation as to the purpose and value of the TS in the CMS process

DISCUSSIONS/DECISIONS (Continued)

9906-M428	Joe	<ul style="list-style-type: none"> • RAB Debrief • Plus • David's and Gabe's presentation, informational and well received • Ann's briefing on the cancer cluster study • Dann's response (pointed out potential legal problems) to Lou's Q regarding EPA/DHEC position on transition (new contract) • Tony's response during panel discussion • CTF poster • • Negative • Lack of community participation (1 person) • Mail (RAB reminder) went out late • SWMU 166, no figure during presentation • Body language, folded arms, during presentation • Could have mentioned concrete and CTF • UST slide had way to much print and info • Acronyms • Wasted effort, no community members care • Better visuals during presentation • Lou cut off Dann's response to EPA/DHEC position on new contract
9906-M429	Larry	<ul style="list-style-type: none"> • CMS WP Streamlining • Larry presented the pros and cons associated with CMS WP's and proposed the elimination of the WP as we know of it (Zones H, A, and C style CMS WPS will NOT be produced for pending CMS zones or sites) • Consensus: On a site-by-site basis, a memo may be submitted to DHEC/EPA to fulfill the DHEC (and RCRA permit) requirement for a CMS WP. The memo will contain the objective of the CMS, will reference the Comprehensive CMS Work and Project Management Plans, and will identify the process to close any "CMS" data gaps, if applicable. For any data gaps that are identified as "RFI" data gaps (and thus not necessary to complete the CMS) at the completion of the RFI, additional RFI sampling will be scoped and commence, and an addendum to the RFI report will be issued. The RFI data gap issue is NOT to be resolved in the CMS.
9906-M430	David	<ul style="list-style-type: none"> • CAMP Update • CAMP (RFI, CMS, ISM, EBST/FOST) was revised with input from team members • Revised CAMP will be distributed to team members
9906-M431	Todd	<ul style="list-style-type: none"> • Zone L RFI General Comments • Rail line; PAHs and pesticides mostly • Sewer line; nothing of significance except in area where sewer line cut across existing AOCs or SWMUs with known contamination • Therefore, EnSafe recommends that the reviewer of the Zone L RFI report keep the above facts in mind during report review

DISCUSSIONS/DECISIONS (Continued)

9906-M432	Tony	<ul style="list-style-type: none"> • New Contract Item List • Handout provided • Tony discussed the different types of deliverables expected by the new contractor • The Navy intends to separate sites and activities into those that can be completed (or most of it) by the transition period, and those that can't (that latter work will be executed by the new contractor) • The bidders will be provided with a bid package and Appendix C-1 will list RCRA sites requiring CA
9906-M433	Todd	<ul style="list-style-type: none"> • Tech Memo, GW Inorganics Study • Handout provided • Todd discussed the results of the past meeting in Columbia (Todd, Craig S., Paul, Johnnie) ... a list of decision rules were developed • Re-sampled about 20 problematic wells across the base ... analyzed inorganics in the filtered and unfiltered samples, and TSS in the unfiltered sample also ... check for correlation between the F and U samples and TSS value • Upon completion of study 1) not much difference between filtered and unfiltered samples 2) however, there was a difference between samples obtained via low flow (< 1 gpm) and via regular flow procurement though • So Todd developed another set of decision rules ... sampling method plays a much larger role in dictating the results of inorganics in GW sampled at the base then whether the sample was filtered or not • Example; 13 of 16 problematic wells contained thallium > MCL (via regular sampling process), yet only 1 of 26 wells detected thallium via the low flow sampling process (and all were < MCL) • This memo will be discussed at EnSafe on 13 Jul?
9906-M434	Mihir	<ul style="list-style-type: none"> • SWMU 166 • Mihir and Paul were concerned about the re-location of the TS system (about 150 feet south of the conceptually planned area) and about its size (about 50 to 70% smaller than its conceptual size) • Larry suggested a conference call between EnSafe, SDIV, DHEC and EPA to resolve DHEC concerns. The conference call will include the TS system designers and GW modeling folks who will be able to provide a response to DHEC concerns
9906-M435	Tony	<ul style="list-style-type: none"> • Next Meeting • Leader will be Todd • Potential agenda items includes SMDP on screening list (NOAA, EPA, F&W, DNR), FOST approval process, out sourcing , SWMU 39, etc.
9906-M436	Joe	<ul style="list-style-type: none"> • Wrap Up and Close Out • Plus • New members are up to speed quick • Field trip to sites • CMS WP memo, new and effective way of doing business • Adding faces to voices (new DHEC staff) • New member addition • Fluorescent lights • CTF site visit

DISCUSSIONS/DECISIONS (Continued)

9906-M436 (Continued)	Joe	<ul style="list-style-type: none"> • Negative • To many DHEC personnel at table, need to identify when a certain DHEC person is required and then extend invite to table • RAB community input was a disappointment • More questions than answers • RAB mailing list not receiving RAB meeting agenda
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Action Items

9906-A237	Tony	Forward BRAC symbol to Todd for PT banner (electric version requested). By 25 Jun.
9906-A238	Larry	In search of resumes from: Todd, Ann, Tony, David. Will assemble and forward to PT upon receipt. By 4 Jul.
9906-A239	Tony	Provide building close outs for asbestos to Ann. By 19 Jun.
9906-A240	Tony	Revise 2 sets of RAB questions and forward to PT for quick check/comment and then will forward to RAB. By 21 Jun.
9906-A241	David	Change F to E in RCRA Permit. Regarding AOC 621. By 15 Aug.
9906-A242	David	Fax data points to Mihir for AOC 621 ISM WP. By 25 Jun.
9906-A244	Dann	Have Tiki contact Tony regarding RAB. By 4 Jul.
9906-A245	Larry	Conference call on SWMU 166 (to address DHEC concerns regarding TS system location and scale). By 15 Jun.
9906-A246	Dann	Check into EPA approval response letter requirements. By 25 Jun.
9906-A247	Todd	Conduct meeting at EnSafe office regarding Tech Memo (inorganics in GW study). Meeting at 1 PM on 13 Jul. Prior to meeting on 13 Jul.
9906-A248	Mihir	NG Drill (as in "new guy" drill). Bring 10 lbs steamed and seasoned shrimp to next PT meeting. Crackers and cocktail sauce mandatory. Napkins provided by SDIV. By 10 Aug.